

21 DEC 1964

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SUBJECT: EVALUATION OF 2.6X ENLARGEMENT PRINTS

1. APPROXIMATELY 25 PHOTO INTERPRETERS AND PHOTO ANALYSTS STUDIED THE KH-4 FILM POSITIVE 2.6X ENLARGEMENT PRINT. CONTACT AND ENLARGEMENT PRINTS WERE COMPARED AND USE OF THE ENLARGEMENT MATERIAL WAS DISCUSSED. IT WAS CONCLUDED THAT:

A. IMAGE SHARPNESS OF THE ENLARGEMENT IS NOT CONSISTENT ACROSS THE FORMAT--GOOD AT TITLED EDGE; FAIR AT FREQUENCY MARK EDGE.

B. IMAGERY AT TITLED EDGE OF ENLARGEMENT COMPARED FAVORABLY WITH CONTACT PRINT; HOWEVER, PHOTO INTERPRETERS UNANIMOUSLY PREFERRED THE CONTACT MATERIAL DUE TO ITS SLIGHTLY BETTER RESOLUTION.

C. ENLARGEMENT MATERIAL IS NOT READILY ADAPTABLY TO PRESENT EXPLOITATION EQUIPMENT.

D. STEREO VIEWING OF ENLARGEMENT IS DIFFICULT AND INCREASED STORAGE AREA REQUIRED IS A DISADVANTAGE.

E. 2.6X ENLARGEMENT IS NOT SUFFICIENT TO ALLOW UNAIDED VIEWING OF FILM.

2. IN CONCLUSION, IT APPEARS THAT THERE IS PRESENTLY NO REQUIREMENT AT [] FOR ENLARGED MATERIALS OF THIS TYPE.

HOWEVER, [] WILL CONTINUE TO INVESTIGATE OTHER APPLICATIONS OF 2.6 ENLARGEMENTS TO CURRENT INTELLIGENCE PROBLEMS AND NEEDS.

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